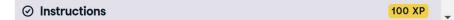
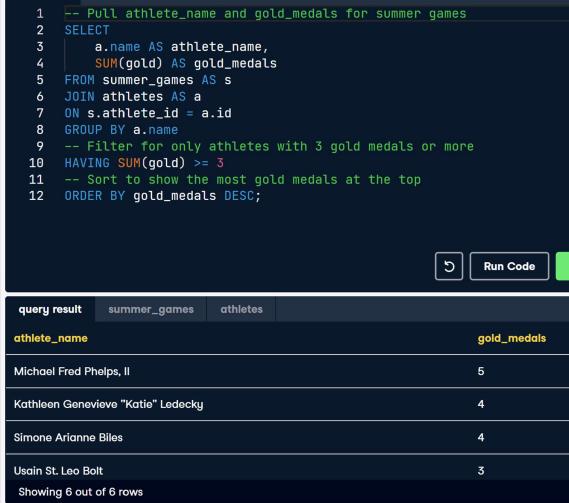


Your job is to create the base report for this element. Base report details:

- Column 1 should be athlete\_name .
- Column 2 should be gold\_medals.
- The report should only include athletes with at least 3 medals.
- The report should be ordered by gold medals won, with the most medals at the top.





query.sql

### **Exercise**

# Report 2: Top athletes in nobel-prized countries

It's time to bring together all the concepts brought up in this chapter to expand on your dashboard! Your next report to build is Report 2: Athletes Representing Nobel-Prize Winning Countries.

### Report Details:

- Column 1 should be event, which represents the Olympic event. Both summer and winter events should be included.
- · Column 2 should be gender, which represents the gender of athletes in the event.
- Column 3 should be athletes, which represents the unique athletes in the event.
- Athletes from countries that have had no nobel\_prize\_winners should be excluded.
- The report should contain 10 events, where events with the most athletes show at the top.

Click to view the E:R Diagram.

## 









• Copy your query with summer\_games replaced by winter\_games , UNION the two tables together, and order the final report to show the 10 rows with the most athletes .

```
.⇔ Lig
query.sql
       -- Pull event and unique athletes from summer_games
       SELECT
   3
           event,
           -- Add the gender field below
   4
   5
           CASE WHEN event LIKE '%Women%' THEN 'female'
   6
           ELSE 'male' END AS gender,
   7
           COUNT(DISTINCT athlete_id) AS athletes
   8
       FROM summer_games
       -- Only include countries that won a nobel prize
      WHERE country_id IN
 10
 11
           (SELECT country_id
           FROM country_stats
 12
 13
           WHERE nobel_prize_winners > 0)
 14
       GROUP BY event
      -- Add the second query below and combine with a UNION
  16
      UNION ALL
                                                                     Run Code
                                                                                   Submit A
      SELECT
 17
query result
             summer_games
                              winter_games
                                             country_stats
event
                                                                     gender
                                                                                   athletes
Gymnastics Men's Floor Exercise
                                                                                  37
                                                                     male
                                                                                  37
Gymnastics Men's Horizontal Bar
                                                                     male
Gymnastics Men's Horse Vault
                                                                                  6
                                                                     male
Gymnastics Men's Individual All-Around
                                                                     male
                                                                                   24
Showing 95 out of 95 rows
```

### **Exercise**

## Report 2: Top athletes in nobel-prized countries

It's time to bring together all the concepts brought up in this chapter to expand on your dashboard! Your next report to build is **Report 2: Athletes Representing Nobel-Prize Winning Countries**.

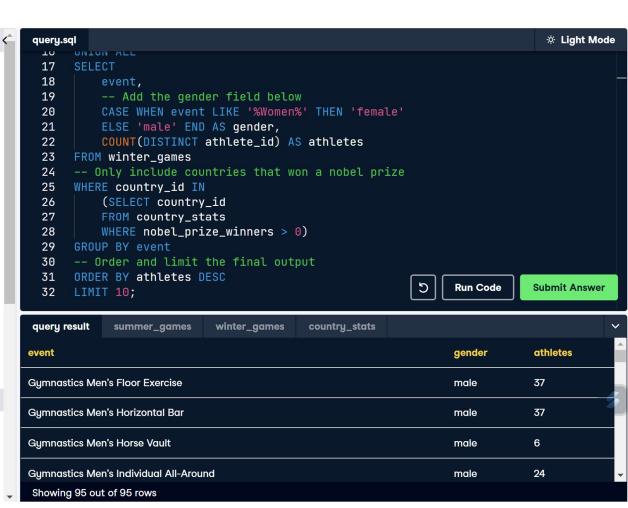
### Report Details:

- Column 1 should be event, which represents the Olympic event. Both summer and winter events should be included.
- Column 2 should be gender, which represents the gender of athletes in the event.
- Column 3 should be athletes, which represents the unique athletes in the event.
- Athletes from countries that have had no nobel\_prize\_winners should be excluded.
- The report should contain 10 events, where events with the most athletes show at the top.

Click to view the E:R Diagram.

# ⊙ Instructions 4/4 25 XP ✓ ✓ ✓

Copy your query with summer\_games replaced by winter\_games, UNION
the two tables together, and order the final report to show the 10 rows with
the most athletes.





## Report 3: Countries with high medal rates

Great work so far! It is time to use the concepts you learned in this chapter to build the next base report for your dashboard.

Details for report 3: medals vs population rate.

- Column 1 should be country\_code, which is an altered version of the country field.
- Column 2 should be pop\_in\_millions, representing the population of the country (in millions).
- Column 3 should be medals, representing the total number of medals.
- Column 4 should be medals\_per\_million, which equals medals / pop\_in\_millions

### 



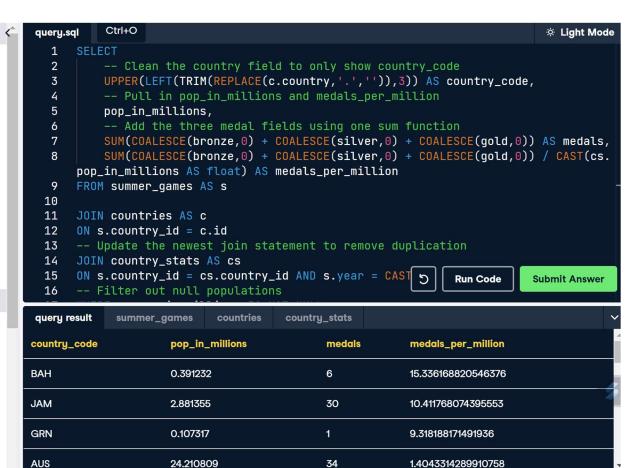






Showing 25 out of 25 rows

 Update country to country\_code by trimming leading spaces, converting to upper case, removing . characters, and keeping only the left 3 characters, then filter out null populations and keep only the 25 rows with the most medals\_per\_million .



### **Exercise**

# Report 3: Countries with high medal rates

Great work so far! It is time to use the concepts you learned in this chapter to build the next base report for your dashboard.

Details for report 3: medals vs population rate.

- Column 1 should be country\_code, which is an altered version of the country field.
- Column 2 should be pop\_in\_millions, representing the population of the country (in millions).
- Column 3 should be medals, representing the total number of medals.
- Column 4 should be medals\_per\_million, which equals medals / pop\_in\_millions

## 

25 XP







